

09/833, 666

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## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 5    | ((delay\$2 with (correlat\$4 or estimati\$4)) same ((transmission\$2 or signal\$2) adj (path\$2 or route\$2)) same equaliz\$3 ).clm.             | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/05/14 06:56 |
| L2    | 0    | ((delay\$2 with (correlat\$4 or estimati\$4)) same ((transmission\$2 or signal\$2) adj (path\$2 or route\$2)) same equaliz\$3 SAME integer).clm. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2007/05/14 06:56 |
| S1    | 719  | 370/516.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2005/11/12 15:24 |
| S2    | 395  | 370/517.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:05 |
| S3    | 166  | 370/519.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:05 |
| S4    | 754  | 375/229.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:06 |
| S5    | 63   | 375/234.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:06 |
| S6    | 575  | 375/349.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:06 |
| S7    | 119  | 375/229.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3)                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR               | OFF     | 2004/10/14 08:10 |

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|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S8  | 22 | 375/234.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/08 18:58 |
| S9  | 37 | 375/349.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:10 |
| S10 | 10 | 375/234.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or space diversity))       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:17 |
| S11 | 42 | 375/229.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or space diversity))       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 17:21 |
| S12 | 27 | 375/349.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or space diversity))       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:17 |
| S13 | 18 | 375/349.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or (space adj diversity))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:32 |
| S14 | 30 | 375/229.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or (space adj diversity))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:25 |
| S15 | 58 | 375/229.ccls. and ((delay\$2 or tap\$2) same equaliz\$3 and (multipath or (space adj diversity)))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:59 |
| S16 | 48 | 375/349.ccls. and ((delay\$2 or tap\$2) same equaliz\$3 and (multipath or (space adj diversity)))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 08:40 |
| S20 | 15 | 370/519.ccls. and (((delay\$2 or tap\$2) ) same equaliz\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 17:19 |

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|-----|------|---|---|----|-----|------------------|
| S21 | 23   | 370/517.ccls. and (((delay\$2 or tap\$2) same equaliz\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 16:13 |
| S22 | 27   | 370/516.ccls. and (((delay\$2 or tap\$2) same equaliz\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/15 07:42 |
| S23 | 54   | 375/234.ccls. and (((delay\$2 or tap\$2) same equaliz\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 17:19 |
| S24 | 88   | 375/349.ccls. and (((delay\$2 or tap\$2) same equaliz\$3)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/14 17:19 |
| S25 | 48   | 375/349.ccls. and (((delay\$2 or tap\$2) same equaliz\$3) and (multipath or (space adj diversity)))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/15 12:12 |
| S33 | 22   | "5621769".URPN.   | USPAT                                       | OR | OFF | 2004/10/15 10:08 |
| S34 | 58   | 375/229.ccls. and (((delay\$2 or tap\$2) same equaliz\$3) and (multipath or (space adj diversity)))                                 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/10/15 12:12 |
| S90 | 3    | ("4278978" "5907303" "5926502").PN.   | US-PGPUB; USPAT; EPO; JPO; IBM_TDB          | OR | OFF | 2005/11/08 14:55 |
| S96 | 1013 | (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4 or autocorrelat\$4)) same equaliz\$3) same digit\$3         | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/08 19:01 |
| S97 | 26   | 370/516-519.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4 or autocorrelat\$4)) same equaliz\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON  | 2005/11/08 19:01 |

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|      |     |   |   |    |    |                  |
|------|-----|---|---|----|----|------------------|
| S98  | 51  | 375/349.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4 or autocorrelat\$4)) same equaliz\$3)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 15:12 |
| S99  | 29  | 375/234.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4 or autocorrelat\$4)) same equaliz\$3)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:01 |
| S100 | 157 | 375/229.ccls. and (((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4 or autocorrelat\$4)) same equaliz\$3)                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:01 |
| S101 | 249 | ((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or (space adj diversity)) same paths      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:02 |
| S102 | 37  | (delay\$2 with (correlat\$4 or estimati\$4)) same ((transmission\$2 or signal\$2) adj (path\$2 or route\$2)) same equaliz\$3                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:02 |
| S103 | 353 | (delay\$2 same (compensat\$4 or estimati\$4)) same ((signals with digit\$3) same equaliz\$3)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:02 |
| S104 | 249 | ((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or (space adj diversity)) same (paths)    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:02 |
| S105 | 34  | ((delay\$2 or tap\$2) same (fraction\$4 adj spaced adj equaliz\$3)) same equaliz\$3 and (multipath or (space adj diversity))                      | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/08 19:02 |
| S106 | 148 | (fraction\$4 adj spaced adj equaliz\$3) same (delay\$2 or tap\$2)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:19 |
| S107 | 160 | ((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or oorrelat\$4)) same equaliz\$3 and (multipath or (space adj diversity)) same (antennas) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:18 |

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|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S11<br>1 | 6   | ("4278978" "5907303" "5926502"<br>.PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/12 17:03 |
| S11<br>2 | 160 | ((delay\$2 or tap\$2) same<br>(compensat\$4 or estimati\$4 or<br>oorrelat\$4)) same equaliz\$3 and<br>(multipath or (space adj diversity))<br>same (antennas) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>3 | 148 | (fraction\$4 adj spaced adj<br>equaliz\$3) same (delay\$2 or<br>tap\$2)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>4 | 163 | delay\$2 same correlat\$4 same<br>path\$2 same equaliz\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>5 | 69  | delay\$2 same correlat\$4 same<br>((transmission\$2 or signal\$2) adj<br>path\$2) same equaliz\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>6 | 353 | (delay\$2 same (compensat\$4 or<br>estimati\$4)) same ((signals with<br>digit\$3) same equaliz\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>7 | 250 | ((delay\$2 or tap\$2) same<br>(compensat\$4 or estimati\$4 or<br>oorrelat\$4)) same equaliz\$3 and<br>(multipath or (space adj diversity))<br>same paths      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:19 |
| S11<br>8 | 37  | (delay\$2 with (correlat\$4 or<br>estimati\$4)) same<br>((transmission\$2 or signal\$2) adj<br>(path\$2 or route\$2)) same<br>equaliz\$3                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/05/14 06:50 |
| S11<br>9 | 250 | ((delay\$2 or tap\$2) same<br>(compensat\$4 or estimati\$4 or<br>oorrelat\$4)) same equaliz\$3 and<br>(multipath or (space adj diversity))<br>same (paths)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:20 |
| S12<br>0 | 250 | ((delay\$2 or tap\$2) same<br>(compensat\$4 or estimati\$4 or<br>oorrelat\$4)) same equaliz\$3 and<br>(multipath or (space adj diversity))<br>same (paths)    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/12 18:20 |

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|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S12<br>1 | 34  | ((delay\$2 or tap\$2) same (fraction\$4 adj spaced adj equaliz\$3) same equaliz\$3 and (multipath or (space adj diversity)))                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:20 |
| S12<br>2 | 160 | ((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or orrelat\$4) same equaliz\$3 and (multipath or (space adj diversity)) same (antennas) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:20 |
| S12<br>3 | 148 | (fraction\$4 adj spaced adj equaliz\$3) same (delay\$2 or tap\$2)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:20 |
| S12<br>4 | 329 | ((delay\$2 or tap\$2) same (compensat\$4 or estimati\$4 or correlat\$4) same equaliz\$3 and (multipath or (space adj diversity)) same (paths)   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:21 |
| S12<br>5 | 25  | ((delay\$2 or tap\$2) same (autocorrelat\$4) same equaliz\$3 and (multipath or (space adj diversity))   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:21 |
| S12<br>6 | 141 | ((delay\$2 or tap\$2) same (autocorrelat\$4) same (multipath or (space adj diversity))  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:21 |
| S12<br>7 | 26  | ((delay\$2 or tap\$2) same (autocorrelat\$4) same (multipath or (space adj diversity)) same digit\$3  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/12 18:21 |